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Application Serial No.: 10/660,818

Attorney Docket No.: 0270101

REMARKS

This is in response to the *Non-Final* Office Action of February 21, 2007, where the Examiner has allowed claims 1-17, rejected claims 18-19, 21-23, 25-29, 35-37, 39-43, 49-51 and 53-57, and objected to claims 24, 30-34, 38, 44-48, 52 and 58-62. By the present Amendment and Response, applicant has amended claims 21, 25-26, 34-35, 39-40, 48-49 and 53-54, cancelled claims 18-19, 24, 38 and 52, and added new claims 63-83. After the present Amendment and Response, claims 1-17, 21-23, 25-37, 39-51 and 53-83 are pending in the present application. An early Notice of Allowance for claims 1-17, 21-23, 25-37, 39-51 and 53-83 in view of the following remarks is respectfully requested.

A. Objection to Claims 25, 26, 34, 39, 40, 48, 53 and 54

The Examiner has objected to claims 25, 26, 34, 39, 40, 48, 53 and 54 for missing the word "of". By the present amendment, applicant has amended claims 25, 26, 34, 39, 40, 48, 53 and 54. Accordingly, applicant respectfully submits that the Examiner's objection has been overcome.

B. Rejection of Claims 25, 26, 39, 40, 53 and 54 under 35 USC § 112, ¶ 1

The Examiner has rejected claims 25, 26, 39, 40, 53 and 54, under 35 USC § 112, ¶ 1, as failing to comply with the written description requirement. By the present amendment, applicant has amended claim 25 to read "wherein the first secondary value for the first pixel and the secondary period of time are calculated such that an average value of the first pixel ~~after the displaying the conditioning input~~ for the primary period of time and the secondary period of time

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is approximately equal to one-half of a bit depth of the first pixel.” Applicant respectfully submits that the above amendment is supported by the written description, see e.g. paragraph 11 at page 4 and paragraph 47 at page 8 of the patent application, as filed. Further, claims 26, 39, 40, 53 and 54 have been amended in a similar fashion. Accordingly, applicant respectfully submits that the Examiner’s rejection of claims 25, 26, 39, 40, 53 and 54, under 35 USC § 112, ¶ 1, has been overcome.

C. Rejection of Claims 18, 19, 21, 27-29, 35, 41-43, 49, 50 and 55-57 under 35 USC § 102(b)

The Examiner has rejected claims 18, 19, 21, 27-29, 35, 41-43, 49, 50 and 55-57, under 35 USC § 102(b), as being anticipated by Goldberg, et al. (USPN 4,670,784) (“Goldberg”).

By the present amendment, applicant has cancelled claims 18-19. Therefore, applicant respectfully submits that rejection of claims 18 and 19 has been rendered moot.

Further, by the present amendment, applicant has amended independent claim 21 to include all of the limitations of claim 24. Therefore, applicant respectfully submits that claim 21, as amended, is in condition for allowance, at least based on the Examiner’s statement that claim 24 would be allowable if rewritten in independent form. Also, claims 27-29 depend from claim 21, as amended, and should be allowed at least for the same reasons.

In addition, by the present amendment, applicant has amended independent claim 35 to include all of the limitations of claim 38. Therefore, applicant respectfully submits that claim 35, as amended, is in condition for allowance, at least based on the Examiner’s statement that claim

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38 would be allowable if rewritten in independent form. Also, claims 41-43 depend from claim 38, as amended, and should be allowed at least for the same reasons.

Also, by the present amendment, applicant has amended independent claim 49 to include all of the limitations of claim 52. Therefore, applicant respectfully submits that claim 49, as amended, is in condition for allowance, at least based on the Examiner's statement that claim 52 would be allowable if rewritten in independent form. Also, claims 50 and 55-57 depend from claim 49, as amended, and should be allowed at least for the same reasons.

D. Rejection of Claims 22, 23, 36, 37 and 51 under 35 USC §103(a)

The Examiner has rejected claims 22, 23, 36, 37 and 51, under 35 USC §103(a), as being unpatentable over Goldberg.

Applicant respectfully submits that claims 22, 23, 36, 37 and 51 depend from claims 21, 35 and 49, respectively, and should be allowed at least for the reasons stated above in conjunction with patentability of claims 21, 35 and 49.

E. New Claims 63-83

By the present amendment, applicant has added new claims 63-83. Applicant respectfully submits independent claim 63 includes all of the limitations of claim 30 including its parent claim 21 and intermittent claim 27, and should be allowed based on the Examiner's statement that claim 30 would be allowable if rewritten in independent form. Claim 64 depends from claim 63 and includes the limitations of claim 31.

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Independent claim 65 includes all of the limitations of claim 32 including its parent claim 21, and should be allowed based on the Examiner's statement that claim 32 would be allowable if rewritten in independent form. Independent claim 66 includes all of the limitations of claim 33 including its parent claim 21, and should be allowed based on the Examiner's statement that claim 33 would be allowable if rewritten in independent form. Claim 67 depends from claim 66 and includes the limitations of claim 34.

Independent claim 68 includes all of the limitations of claim 44 including its parent claim 35 and intermittent claim 41, and should be allowed based on the Examiner's statement that claim 44 would be allowable if rewritten in independent form. Claim 69 depends from claim 68 and includes the limitations of claim 45.

Independent claim 70 includes all of the limitations of claim 46 including its parent claim 35, and should be allowed based on the Examiner's statement that claim 46 would be allowable if rewritten in independent form. Independent claim 71 includes all of the limitations of claim 47 including its parent claim 35, and should be allowed based on the Examiner's statement that claim 47 would be allowable if rewritten in independent form. Claim 72 depends from claim 71 and includes the limitations of claim 48.

Independent claim 73 includes all of the limitations of claim 58 including its parent claim 49 and intermittent claim 55, and should be allowed based on the Examiner's statement that claim 58 would be allowable if rewritten in independent form. Claim 74 depends from claim 73 and includes the limitations of claim 59.

Independent claim 75 includes all of the limitations of claim 60 including its parent claim 49, and should be allowed based on the Examiner's statement that claim 60 would be allowable

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if rewritten in independent form. Independent claim 76 includes all of the limitations of claim 61 including its parent claim 49, and should be allowed based on the Examiner's statement that claim 61 would be allowable if rewritten in independent form. Claim 77 depends from claim 76 and includes the limitations of claim 62.

Independent claim 78 includes all of the limitations of claim 25, as amended, including its parent claim 21, and should be allowed after overcoming the Examiner's rejection under 35 USC § 112, ¶ 1, as discussed above. Claim 79 depends from claim 78 and includes the limitations of claim 26.

Independent claim 80 includes all of the limitations of claim 39, as amended, including its parent claim 35, and should be allowed after overcoming the Examiner's rejection under 35 USC § 112, ¶ 1, as discussed above. Claim 81 depends from claim 80 and includes the limitations of claim 40.

Independent claim 82 includes all of the limitations of claim 53, as amended, including its parent claim 49, and should be allowed after overcoming the Examiner's rejection under 35 USC § 112, ¶ 1, as discussed above. Claim 83 depends from claim 82 and includes the limitations of claim 54.

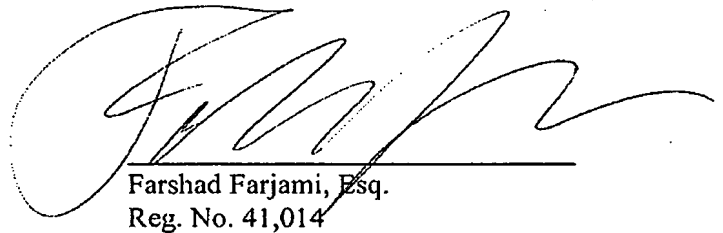
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F. Conclusion

Based on the foregoing reasons, an early Notice of Allowance directed to all claims 1-17, 21-23, 25-37, 39-51 and 53-83 pending in the present application is respectfully requested.

Respectfully Submitted,
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